

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A light-emitting diode (LED) illuminator ~~with semiconductor light sources~~ for a headgear with a visor, said illuminator comprising:

~~light emitting semiconductor light sources~~ a light-emitting diode module including a plurality of light-emitting diodes arranged as a unitary module;

a frame; and

an electronics control part for controlling the ~~semiconductor light sources~~ light-emitting diodes, the electronics control part including a switch, and a resistor controlling each light-emitting diode,

wherein the ~~light-emitting diodes~~ semiconductor light sources are directed in a given direction or directions,

wherein the ~~light-emitting diodes~~ semiconductor light sources are fitted in the frame, side by side, adjacent to each other and directed towards the given direction or directions,

wherein the switch is arranged integrally to the frame, and

wherein the switch is adapted to vary the lighting efficiency of the illuminator.

2. (Currently Amended) The LED illuminator according to claim 1, wherein the light-emitting diode module is provided with ultraviolet (UV) LEDs so that at least some of the LEDs are UV LEDs.

3. (Currently Amended) The LED illuminator according to claim 1, wherein the light-emitting diode module is also provided with infrared (IR) LEDs so that at least some of the LEDs are IR LEDs.

4. (Cancelled)

5. (Previously Presented) The LED illuminator according to claim 1, wherein the illuminator is a water-tight (IP class 55 and upwards) encapsulated LED unit.

6. (Currently Amended) The LED illuminator according to claim 1, further comprising different and differently colored light-emitting diodes~~semiconductor light sources~~, which work either together or separately.

7-10. (Cancelled)

11. (New) The LED illuminator according to claim 1, wherein the light-emitting diode module includes a rectangular module frame outside of the frame, and the light-emitting diodes are disposed within the module frame.